

**In the Claims:**

Please substitute and enter second amended claim 12 for previously pending first amended claim 12 as follows:

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12. (Second Amended) A stage assembly that is adapted to move a device, the stage assembly comprising:

a stage that retains the device;

a stage base that directly supports the stage;

a stage mover assembly connected to the stage, the stage mover assembly moving the stage with at least two degrees of freedom and generating reaction forces in at least two degrees of freedom;

a reaction mass assembly coupled to the stage mover assembly, the reaction mass assembly reducing the reaction forces in at least two degrees of freedom that are transferred to the stage base; and

a reaction mover assembly that adjusts the position of the reaction mass assembly relative to the stage base along an X axis, along a Y axis and about a Z axis.

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